



### PRODUCT DESCRIPTION

DURFORM BP polyester coil coatings are based on an innovative resin technology patented by PPG to satisfy a wide range of decorative and functional uses in the metal building products market. Formulated for single coat application on aluminum, or as a 2-coat system, over primer, for both aluminum and steel substrates, DURAFORM BP coatings are available in a wide range of colors and glosses with exterior exposure quality. Specially formulated for excellent mechanical properties, hardness and stain resistance, DURAFORM BP coatings offer affordability while providing an aesthetic appeal.

DURAFORM BP coatings are the cost effective choice to provide consumers with the quality and durability that they expect.

In addition, PPG's universal urethane primer technology, used under all DURAFORM BP topcoats, offers exceptional substrate protection under the harshest of environmental conditions while providing manufacturing flexibility and inventory cost control.

### SYSTEM OVERVIEW

Surface protection for metal substrates is more than just functional: It can be both beautiful and affordable with the enhanced DURAFORM BP coating system from PPG. Specially formulated for today's building and construction market using a PPG proprietary polyester resin system, DURAFORM BP coatings

are cost effective products that offer excellent surface hardness, flexibility and resistance to metal marking. Available in a broad range of colors, this complete system, including primers and backers, is engineered with durable pigments for long-lasting color over all metal substrates.

### COMMERCIAL USES

DURAFORM BP coil coatings are an excellent choice for both residential and commercial building projects. From rainware protection to high traffic areas

to trim coil, this cost effective PPG system delivers performance, aesthetic appeal and durability for both interior and exterior building applications.

### DURABILITY

Available in a broad range of colors, all of the DURAFORM BP coatings are highly resistant to abrasion, metal marking, pressure-mottling, and require minimal maintenance. Surface contaminants may be easily removed from DURAFORM BP coatings using mild solutions of conventional detergents.

DURAFORM BP coatings have been rigorously tested at atmospheric testing

sites, and against National Coil Coaters Association and ASTM standards to meet the performance demands in today's building and construction market.

In sharp white, the DURAFORM BP coatings system demonstrates truly excellent stain and dirt resistance compared to competitive paint finishes within the coil coatings market.



DURAFORM BP SPECIFICATIONS		
	Aluminum	HDG Steel
<b>Dry Film Thickness (nominal)</b> ASTM D1005	0.20 – 0.30 mil primer (optional) 0.70 – 0.80 mil topcoat	0.20 – 0.30 mil primer 0.70 – 0.80 mil topcoat
<b>Gloss</b> ASTM D523 @ 60°	Low, Medium & High	Low, Medium & High
<b>Pencil Hardness</b> ASTM D3363	F – 3H	F – 3H
<b>Flexibility</b> T-bend, ASTM D4145	0 T-bend; No pick-off	1 T-bend; No pick-off
<b>Formability</b> Mandrel Bend ASTM D-522	No cracking around a 180°, 1/8" Mandrel	No cracking around a 180°, 1/8" Mandrel
<b>Chemical Resistance</b> (Household Detergents) ASTM D1308	No Discoloration or Film Softening	No Discoloration or Film Softening
<b>Stain Resistance</b> (Carbon Oil Stain) ASTM D1308	Excellent: No Discoloration	Excellent: No Discoloration
<b>Ft. Lauderdale UV Exposure Testing</b> 5 yrs. @ 90° south Florida	No objectionable color change: $\Delta E < 5.0$	No objectionable color change: $\Delta E < 5.0$
<b>Daytona Beach Corrosion Testing</b> 5 yrs. @ 45° south Florida	No face Corrosion*	No face Corrosion*

\* Corrosion performance is dependent on properly cleaned and pretreated substrate

### DURAFORM BP WARRANTY INFORMATION

PPG offers a comprehensive warranty on DURAFORM BP coil coatings. For complete warranty information and a copy of the DURAFORM BP coil coatings warranty, please call PPG at 1-800-258-6398.